PTO/SB/05 (08-03)
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## UTILITY PATENT APPLICATION **TRANSMITTAL**

| Attorney Docket No.    |  | 306812005300      |  |  |  |  |  |  |
|------------------------|--|-------------------|--|--|--|--|--|--|
| First Inventor         |  | David LEWIS       |  |  |  |  |  |  |
| Title                  | ARITHMETIC STRUCTURES FOR PROGRAMMABLE LOGIC DEVICES |                   |  |  |  |  |  |  |
| Express Mail Label No. |  | EV 302 340 314 US |  |  |  |  |  |  |

| (Only for new nonprovisional applications under 37 CFR 1.53(b))   | 5 27 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   |  |  |  |  |  |
|---|--|--|--|--|--|--|
|   | Express Mail Label No.   EV 302 340 314 US   |  |  |  |  |  |
| APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application con   | MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450   |  |  |  |  |  |
| 1. X Fee Transmittal Form (e.g., PTO/SB/17), in duplicate - (Submit an original, and a duplicate for fee processing)  2. Applicant claims small entity status. See 37 CFR 1.27.  3. X Specification [Total Pages 34]  (preferred arrangement set forth below)  - Descriptive title of the invention  - Cross Reference to Related Applications  - Statement Regarding Fed sponsored R & D  - Reference to sequence listing, a table, or a computer program listing appendix  - Background of the Invention  - Brief Summary of the Invention  - Brief Summary of the Invention  - Claim(s)  - Abstract of the Disclosure  4. X Drawing(s) (35 U.S.C. 113) [Total Sheets 1!]  5. Oath or Declaration [Total Sheets 4]  a. X Newly executed in counterparts (original or copy)  b. Copy from a prior application (37 CFR 1.63(d))  (for continuation/divisional with Box 18 completed)  i. DELETION OF INVENTOR(S)  Signed statement attached deleting inventor(s)  named in the prior application,  see 37 CFR 1.63(d)(2) and 1.33(b). | 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  a. Computer Readable Form (CRF)  b. Specification Sequence Listing on:  i. CD-ROM or CD-R (2 copies); or ii. Paper c. Statements verifying identity of above copies  ACCOMPANYING APPLICATION PARTS  9. X Assignment Papers (cover sheet in duplicate & document(s)) – 6 pgs  10. X 37 CFR 3.73(b) Statement, w/copy X Power of of Assignments – 5 pgs  11. English Translation Document (if applicable) |  |  |  |  |  |
| 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:  Continuation  Divisional  Continuation-in-part (CIP) of prior application No.:  Prior application information: Examiner  Art Unit:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS   |  |  |  |  |  |  |
| X Customer Number: 20872  | OR Correspondence address below  |  |  |  |  |  |
| Name Address  |  |  |  |  |  |  |
| City Stat   | te Zip Code  |  |  |  |  |  |
| Country Tele  | ephone Fax   |  |  |  |  |  |
| Name (Print/Type) Robert S Scheid   | Registration No. (Attorney/Agent) 42,126   |  |  |  |  |  |
| Signature Date October 23, 2003   |  |  |  |  |  |  |
| I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 302 340 314 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.  |  |  |  |  |  |  |

(Yayoi Isaacson)

| FEE TO ANOMITTAL  |                              | Complete if Known   |              |             |                           |   |                                   |          |
|---|------------------------------|---|--------------|-------------|---------------------------|---|-----------------------------------|----------|
| FEE TRANSMITTAL   | l                            | Application Number N t Y t Assigned                         |              |             |                           |   |                                   |          |
| for EV 0004   |                              |   |              |             |                           | C ncurr ntly H r with                             |                                   |          |
| for FY 2004   | First Named Inventor         |   |              | David LEWIS |                           |   |                                   |          |
| Effective 10/01/2003, Patent fees are subject to annual revision.                       | Examiner Name                |   |              |             | Not Yet Assigned          |   |                                   |          |
| Applicant claims small entity status. See 37 CFR 1.27                                   |                              |   |              |             |                           |   |                                   |          |
| <del></del>   | Art Unit Attorney Docket No. |   |              |             |                           | Not Yet Assigned<br>306812005300                  |                                   |          |
| TOTAL AMOUNT OF PAYMENT (\$) 1,848.00   |                              | Atton   | iey DC       |             |                           |   |                                   |          |
| METHOD OF PAYMENT (check all that apply)  | FEE CALCULATION (continued)  |   |              |             |                           |   |                                   |          |
| Check Credit Money Other None   | 3. ADDITIONAL FEES           |   |              |             |                           |   |                                   |          |
| X Deposit Account:  |                              |   |              |             |                           |   |                                   |          |
| Deposit   | Ť                            | Entity  |              | Entity      | -                         |   |                                   |          |
| Account 03-1952<br>Number   | Fee<br>Code                  | Fee<br>(\$)   | Fee<br>Code  | Fee<br>(\$) |                           | Fee Desc  | ription                           | Fee Pald |
| Deposit 0.5   | 1051                         | 130   | 2051         | 65          | Surcharge :               | - late filing fe                                  | e or oath                         |          |
| Account Morrison & Foerster LLP   |                              |   |              |             | •                         |   | onal filing fee or cover          | <b></b>  |
| The Director is authorized to: (check all that apply)                                   | 1052                         | 50  | 2052         | 25          | sheet.                    | ,   | <b>,</b>                          |          |
| X Charge fee(s) indicated below X Credit any overpayments                               | 1053                         | 130   | 1053         | 130         | Non-Englis                | h specification                                   | n                                 |          |
| X Charge any additional fee(s) during the pendency of this application                  | 1812                         | 2,520   | 1812         | 2,520       | For filing a r            | equest for ex p                                   | parte reexamination               |          |
| Charge fee(s) indicated below, except for the filing fee                                | 1804                         | 920*  | 1804         | 920*        | Requesting<br>Examiner a  | publication o                                     | of SIR prior to                   |          |
| to the above-identified deposit account.  | 1805                         | 1,840*  | 1805         | 1,840*      | Requesting                | publication o                                     | of SIR after                      |          |
| FEE CALCULATION   | 1251                         | 110   | 2251         | 55          | Examiner a<br>Extension f | r action In for reply within first month          |                                   |          |
| 1. BASIC FILING FEE   | 1252                         | 420   | 2252         | 210         |                           |   | n second month                    |          |
| Large Entity Small Entity   | 1253                         | 950   | 2253         | 475         | Extension f               | for reply within                                  | third month                       |          |
| Fee Fee Fee Fee Fee Paid  Code (\$) Code (\$)   | 1254                         | 1,480   | 2254         | 740         | Extension f               | for reply within                                  | n fourth month                    |          |
| 1001 770 2001 385 Utility filing fee 770.00   | 1255                         | 2,010   | 2255         | 1,005       | Extension f               | for reply within                                  | r fifth month                     |          |
| 1002 340 2002 170 Design filing fee   | 1401                         | 330   | 2401         | 165         | Notice of A               | ppeal   |                                   |          |
| 1003 530 2003 265 Plant filing fee  | 1402                         | 330   | 2402         | 165         | Filing a brie             | ef in support o                                   | f an appeal                       |          |
| 1004 770 2004 385 Reissue filing fee  | 1403                         | 290   | 2403         |             |                           | r oral hearing                                    |                                   |          |
| 1005 160 2005 80 Provisional filing fee   | 1451<br>1452                 | 1,510<br>110  | 1451<br>2452 | 1,510<br>55 |                           | •   | olic use proceeding               |          |
| SUBTOTAL (1) (\$) 770.00  | 1452                         | 1,330   | 2452         | 665         |                           | to revive - unavoidable to revive - unintentional |                                   |          |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE   | 1501                         | 1,330   | 2501         |             |                           | sue fee (or reissue)                              |                                   |          |
| Extra Fee from  | 1502                         | 480   | 2502         | 240         | Design issu               | •   | ,                                 |          |
| Claims below Fee Paid  Total Claims 56 -20** = 36 x 18.00 = 648.00                      | 1503                         | 640   | 2503         |             | Plant issue               |   |                                   |          |
| Independent 8 3** = 5 x 86.00 - 430.00  | 1460                         | 130   | 1460         | 130         |                           | the Commiss                                       | sioner                            |          |
| Claims S S S S S S S S S S S S S S S S S S S  | 1807                         | 50  | 1807         | 50          | Processing                | ing fee under 37 CFR 1.17(q)                      |                                   |          |
| Large Entity Small Entity   | 1806                         | 180   | 1806         | 180         | Submission                | on of Information Disclosure Stmt                 |                                   |          |
| Fee Fee Fee Fee Fee Description   | 8021                         | 40  | 8021         | 40          | Recording                 | each patent a                                     | ssignment per                     |          |
| Code (\$)   Code (\$)     Fee Description   |                              |   |              |             |                           | mes number o<br>omission after                    | of properties)<br>final rejection | <b></b>  |
| 1202 16 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3 | 1809                         | 770   | 2809         | 385         | (37 ČFR 1.                | 129(a))   |                                   |          |
| 1203 290 2203 145 Multiple dependent claim, if not paid                                 | 1810                         | 770   | 2810         | 385         |                           | dditional inver<br>(37CFR 1.129                   |                                   | I        |
| 1204 86 2204 43 ** Reissue independent claims   | 1801                         | 770   | 2801         | 385         | Request for               | r Continued E                                     | xamination (RCE)                  |          |
| over original patent 1205 18 2205 9 ** Reissue claims in excess of 20                   | 1802                         | 900   | 1802         | 900         |                           | r expedited ex                                    | xamination                        |          |
| and over original patent  | Other fee (specify)          |   |              |             |                           |   |                                   |          |
| SUBTOTAL (2) (\$) 1,078.00  | uced by 6                    | Basic Fi  | ling Fee     | Paid        | SUBTO                     | TAL (3) (\$)                                      | 0.00                              |          |
| **or number previously paid, if greater, For Reissues, see above                        |                              |   |              |             |                           |   |                                   |          |
| SUBMITTED BY  |                              |   |              |             | (Complete                 | (if applicable))                                  |                                   |          |
| Name (Print/Type) Robert E. Scheid  |                              | gistration No. lorney/Agent) 42,126 Telephone (415) 268-636 |              |             | (415) 268-6369            |   |                                   |          |
| Signature Date October 23, 2003   |                              |   |              |             |                           | 03  |                                   |          |

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## NONPUBLICATION REQUEST UNDER 35 U.S.C. 122(b)(2)(B)(i)

| First Named Inventor |  | David LEWIS  |  |  |  |  |
|----------------------|--|--------------|--|--|--|--|
| Title                | ARITHMETIC STRUCTURES FOR PROGRAMMABLE LOGIC DEVICES |              |  |  |  |  |
| Attorney Docket No.  |  | 306812005300 |  |  |  |  |

I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

October 23, 2003

Date

(415) 268-6369

Telephone Number

Robert E. Scheid - Reg, No. 42,126

Typed or printed name

Signature

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant must notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).

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Dated: 10.22-85

Signature

(Yayoi Isaacson)